

**Appendix table 2-40.**  
**Federal R&D obligations to FFRDCs, by administering sector and selected sponsoring agency:**  
**FYs 1987–99**  
 (Millions of current dollars)

	All agencies	Defense	Energy	NASA	All other agencies
<b>Total</b>					
1987 .....	5,580	1,462	3,410	476	233
1988 .....	5,891	1,541	3,572	560	217
1989 .....	6,075	1,386	3,728	633	328
1990 .....	6,425	1,494	3,895	622	415
1991 .....	6,451	1,396	3,948	738	369
1992 .....	6,718	1,537	3,996	793	392
1993 .....	5,871	1,239	3,521	688	424
1994 .....	5,322	856	3,310	778	378
1995 .....	5,610	823	3,296	1,048	443
1996 .....	5,339	831	3,017	1,107	384
1997 .....	5,650	844	3,289	1,115	403
1998 (est.) .....	5,614	840	3,406	969	399
1999 (est.) .....	6,062	872	3,676	1,072	443
<b>FFRDCs administered by industry</b>					
1987 .....	1,860	325	1,475	0	61
1988 .....	1,911	316	1,536	0	60
1989 .....	2,056	309	1,588	0	160
1990 .....	2,327	419	1,718	0	190
1991 .....	2,168	316	1,690	0	162
1992 .....	2,117	335	1,607	0	175
1993 .....	1,451	202	1,094	0	156
1994 .....	1,294	116	1,011	0	167
1995 .....	1,204	93	936	0	175
1996 .....	1,137	82	873	12	170
1997 .....	1,128	94	853	4	177
1998 (est.) .....	1,227	133	907	4	182
1999 (est.) .....	1,326	144	979	4	199
<b>FFRDCs administered by universities and colleges</b>					
1987 .....	3,210	737	1,839	475	158
1988 .....	3,474	829	1,945	560	141
1989 .....	3,497	686	2,033	630	148
1990 .....	3,466	658	2,020	619	168
1991 .....	3,604	637	2,072	736	159
1992 .....	3,856	668	2,227	791	169
1993 .....	3,667	545	2,205	685	232
1994 .....	3,293	275	2,077	771	170
1995 .....	3,574	262	2,057	1,044	212
1996 .....	3,448	252	1,934	1,090	172
1997 .....	3,701	251	2,156	1,106	189
1998 (est.) .....	3,571	213	2,207	961	190
1999 (est.) .....	3,894	212	2,404	1,063	215
<b>FFRDCs administered by other nonprofit institutions</b>					
1987 .....	511	400	96	1	14
1988 .....	506	397	91	1	16
1989 .....	522	391	107	3	20
1990 .....	632	416	157	2	57
1991 .....	679	442	186	2	49
1992 .....	746	534	163	2	47
1993 .....	753	492	222	2	37
1994 .....	736	466	222	7	41
1995 .....	831	468	303	4	57
1996 .....	755	496	211	5	42
1997 .....	821	500	280	5	37
1998 (est.) .....	817	494	292	5	27
1999 (est.) .....	842	516	292	5	29

FFRDCs = Federally Funded Research and Development Centers; NASA = National Aeronautics and Space Administration

SOURCES: National Science Foundation, Division of Science Resources Studies (NSF/SRS), *Federal Funds for Research and Development, Detailed Historical Tables: Fiscal Years 1951–1998*, NSF 98–328 (Arlington, VA: 1998); NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 1997, 1998, and 1999, Detailed Statistical Tables*, NSF 99–333 (Arlington, VA: 1999); and unpublished tabulations.